

I claim:

1. A security system for monitoring and controlling entry to a premises comprising;  
a doorbell unit adapted for mounting adjacent an entry door to a premises, the doorbell unit including;

(a) a doorbell call button member providing an output signal;

5 (b) an audio microphone member providing an output signal;

(c) an audio speaker member adapted for delivering an audio message;

(d) a video camera member providing a video output signal;

(e) a light source member adapted for illuminating a field of view of the video camera member;

10 a control unit remote from the doorbell unit and in operative communication there with, the control unit including:

(a) switch means responsive to the doorbell call button member output signal to activate the control unit;

(b) a video display monitor for displaying the doorbell unit video output signal;

15 (c) a digital clock displaying the time of the video display from the doorbell video camera member;

(d) a microphone member for sending an audio message to the doorbell unit speaker member;

(e) a digital data storage member adapted for storing the doorbell unit video output signal and all audio messages between the doorbell unit and the control unit, the data storage member

20 adapted for selectively sending a prerecorded audio message to the doorbell unit speaker member, and adapted for storing events data and time of events from a sensor and a detector;

(f) a speaker member for broadcasting an audio output from the doorbell unit microphone member;

(g) circuitry for accessing stored digital video output signals from the video camera member and stored audio messages between the doorbell unit and the control unit;

(h) an internet port circuit for accessing video and audio data in real time and for accessing data in the digital data storage member;

(i) a power input line for supplying power to the control unit, the doorbell unit receiving power from the control unit; and

a door lock control unit in operative communication with the control unit, the door lock control unit having a power input line separate from the control unit power input line, the door lock unit adapted for unlocking the entry door to a premises upon receiving a signal from the control unit.

2. The security system for monitoring and controlling entry to a premises according to claim 1, further including a sensor means in the doorbell unit adapted for detecting an individual at the premises door, the sensor means activating the control unit.

3. The security system for monitoring and controlling entry to a premises according to claim 1, wherein the digital data storage member is removable from the control unit.

4. The security system for monitoring and controlling entry to a premises according to claim 1, further including a handset containing a speaker and a microphone, the handset operatively connected to the control unit.

5. The security system for monitoring and controlling entry to a premises according to claim 1, wherein the control unit internet port circuit is accessed by a hardwire telephone line.
6. The security system for monitoring and controlling entry to a premises according to claim 1, wherein the control unit internet port circuit is accessed by a wireless LAN member.
7. The security system for monitoring and controlling entry to a premises according to claim 1, wherein the control unit is in operative communication with the doorbell unit and the door lock control member by hardwire electrical conductors.
8. The security system for monitoring and controlling entry to a premises according to claim 1, wherein the control unit is in operative communication with the doorbell unit and the door lock control member by a wireless connection.
9. The security system for monitoring and controlling entry to a premises according to claim 1, further including a combustion hazard detector in operative communication with the control unit, the combustion hazard detector adapted to active the control unit upon detecting combustion.
10. The security system for monitoring and controlling entry to a premises according to claim 1, further including a gas hazard detector in operative communication with the control unit, the gas hazard detector adapted to active the control unit upon detecting gas.

11. The security system for monitoring and controlling entry to a premises according to claim 1, further including a magnetic intrusion detector in operative communication with the control unit, the magnetic switch intrusion detector adapted to activate the control unit upon detecting an intruder.

12. The security system for monitoring and controlling entry to a premises according to claim 1, further including a second video camera detector in operative communication with the control unit, the second video camera detector adapted to activate upon activation of a hazard or intrusion detector.

13. A security system for monitoring and controlling entry to a premises comprising;  
a doorbell unit adapted for mounting adjacent an entry door to a premises, the doorbell unit including;

- (a) a doorbell call button member providing an output signal;
- (b) an audio microphone member providing an output signal;
- 5 (c) an audio speaker member adapted for delivering an audio message;
- (d) a video camera member providing a video output signal;
- (e) a light source member adapted for illuminating a field of view of the video camera member;

a control unit remote from the doorbell unit and in operative communication there with, the control  
10 unit including:

- (a) switch means responsive to the doorbell call button member output signal to activate the control unit;
- (b) a video display monitor for displaying the doorbell unit video output signal;

- 15 (c) a digital clock displaying the time of the video display from the doorbell video camera member;
- (d) a microphone member for sending an audio message to the doorbell unit speaker member;
- (e) a digital data storage member adapted for storing the doorbell unit video output signal and all audio messages between the doorbell unit and the control unit, the data storage member adapted for selectively sending a prerecorded audio message to the doorbell unit speaker
- 20 member, and storing events data and time of events from a sensor and a detector;
- (f) a speaker member for broadcasting an audio output from the doorbell unit microphone member;
- (g) circuitry for accessing stored digital video output signals from the video camera member and stored audio messages between the doorbell unit and the control unit;
- 25 (h) an internet port circuit for accessing video and audio data in real time and for accessing data in the digital data storage member;
- (i) a power input line for supplying power to the control unit, the doorbell unit receiving power from the control unit;
- (j) at least one alarm condition detector; and
- 30 a door lock control unit in operative communication with the control unit, the door lock control unit having a power input line separate from the control unit power input line, the door lock unit adapted for unlocking the entry door to a premises upon receiving a signal from the control unit.

14. The security system for monitoring and controlling entry to a premises according to claim 13, further including a sensor means in the doorbell unit adapted for detecting an individual at the premises door, the sensor means activating the control unit.

15. The security system for monitoring and controlling entry to a premises according to claim 13, wherein the digital data storage member is removable from the control unit.

16. The security system for monitoring and controlling entry to a premises according to claim 13, further including a handset containing a speaker and a microphone, the handset operatively connected to the control unit.

17. The security system for monitoring and controlling entry to a premises according to claim 13, wherein the control unit internet port circuit is accessed by a hardwire telephone line.

18. The security system for monitoring and controlling entry to a premises according to claim 13, wherein the control unit internet port circuit is accessed by a wireless LAN member.

19. The security system for monitoring and controlling entry to a premises according to claim 13, wherein the at least one alarm condition detector is selected from the group a combustion detector, a hydrocarbon gas detector, and a magnetic switch intrusion detector.

20. A security system for monitoring and controlling entry to a premises comprising;  
a doorbell unit adapted for mounting adjacent an entry door to a premises, the doorbell unit including;

- (a) a doorbell call button member providing an output signal;
- (b) an audio microphone member providing an output signal;
- 5 (c) an audio speaker member adapted for delivering an audio message;
- (d) a video camera member providing a video output signal;
- (e) a light source member adapted for illuminating a field of view of the video camera member;

a control unit remote from the doorbell unit and in operative communication there with, the control  
10 unit including:

- (a) switch means responsive to the doorbell call button member output signal to activate the control unit;
- (b) a video display monitor for displaying the doorbell unit video output signal;
- (c) a digital clock displaying the time of the video display from the doorbell video camera  
15 member;
- (d) a microphone member for sending an audio message to the doorbell unit speaker member;
- (e) a removable digital data storage member adapted for storing the doorbell unit video output signal and all audio messages between the doorbell unit and the control unit, the data storage member adapted for selectively sending a prerecorded audio message to the doorbell  
20 unit speaker member, and storing events data and time of events from a sensor and a detector;
- (f) a speaker member for broadcasting an audio output from the doorbell unit microphone member;

(g) circuitry for accessing stored digital video output signals from the video camera member and stored audio messages between the doorbell unit and the control unit;

25 (h) an internet port circuit for accessing video and audio data in real time and for accessing data in the digital data storage member;

(i) a power input line for supplying power to the control unit, the doorbell unit receiving power from the control unit;

(j) at least one alarm condition detector;

30 (k) a handset containing a speaker and a microphone, the handset operatively connected to the control unit; and

a door lock control unit in operative communication with the control unit, the door lock control unit having a power input line separate from the control unit power input line, the door lock unit adapted for unlocking the entry door to a premises upon receiving a signal from the control unit.